

# Product data sheet

Specifications

SQUARE D



Mini circuit breaker, QO, 80A, 2 pole, 120/240VAC, 10kA, plug in

QO280

Product availability: Stock - Normally stocked in distribution facility

## Main

Product	Miniature circuit-breaker
Range	QO
Current Rating	80 A
Voltage Rating	120/240 V AC 120 V AC
Mounting Type	Plug-in
Number of Poles	2P
Circuit Breaker Type	Standard
Ratings	HACR rated
Electrical Connection	Box lugs

## Complementary

Interrupt Rating	10 kA 120/240 V AC 10 kA 120 V AC
Number of Panel Spaces	2
Wire Size	AWG 4...AWG 2/0 copper or aluminium
Tightening Torque	49.6 lbf.in (5.6 N.m)
Height	3.5 in (89 mm)
Width	1.5 in (38 mm)
Depth	2.9 in (74 mm)
Net Weight	0.701 lb(US) (0.318 kg)

## Environment

Certifications	UL Listed CSA
Ambient Rating	104 °F (40 °C)

## Ordering and shipping details

Category	US1DE2A00104
Discount Schedule	DE2A
GTIN	785901501329
Returnability	Yes
Country of origin	MX

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.50 in (3.810 cm)
Package 1 Width	3.50 in (8.890 cm)
Package 1 Length	3.70 in (9.398 cm)
Package weight(Lbs)	11.360 oz (322.050 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	51
Package 2 Height	4.00 in (10.160 cm)
Package 2 Width	14.00 in (35.560 cm)
Package 2 Length	20.80 in (52.832 cm)
Package 2 Weight	36.599 lb(US) (16.601 kg)

## Contractual warranty

Warranty	18 months
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) **19**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard **No**

Packaging without single use plastic **Yes**

[EU RoHS Directive](#) **Compliant**

SCIP Number **Af42fb01-813d-40c0-ae28-b8b3299dbc99**

REACH Regulation [REACH Declaration](#)

California proposition 65 **WARNING: This product can expose you to chemicals including: Cadmium and cadmium compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**

Halogen content performance **Halogen free product**

## Use Again

### Repack and remanufacture

Circularity Profile **No need of specific recycling operations**

Take-back **No**



Image of product / Alternate images

Alternative

### Technical Benefits Thermal Magnetic Breaker



Miniature circuit breaker rated at 80A

Protects against overloads and short-circuits

Easy plug on circuit breaker that's compatible with Square D™ QO Loadcenters

The current capacity that this circuit breaker is able to interrupt before breaking is 10kA

Quickly identify tripped breakers with our Visi-Trip indicator

Compatible with QO electrical panels and CSEDs with 2 spaces

#### Compatible products

QO 80 Amp 2 Pole Circuit Breaker  
MFG Model Number: QO280CP



Compatible with Square D QO electrical panels, CSED with 2 spaces



HLO1CP PK2MBCP